



July 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards, known as *Learning Results*, adopted by the Maine Legislature in 1997. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test™ (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure achievement. As last year, the mathematics portion of the SAT Reasoning Test™ was augmented with 18 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. Additionally, Science and Technology testing resumed this year after a two-year hiatus. The combined tests form the Maine High School Assessment (MHSA).

Because the MHSA Science & Technology achievement level standards had not been revised in 2006 like all other disciplines, it was necessary to revise the standards for that discipline this spring. The new achievement level standards are the result of a comprehensive process informed by Maine teachers and reviewed by advisory committees. The achievement level standards for the 2008 Critical Reading, Writing and Mathematics sections of the MHSA were not changed.

These 2007-2008 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science & technology reported according to the achievement standards described above and disaggregated by student and school characteristics. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores for most students may also be used for college admission, scores for students who received accommodations during the test administration that exceeded those made available by the College Board are not college reportable.

The state results reflect scores based on SAT, Math-A, and Science & Technology test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs a design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science & technology questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: http://www.maine.gov/education/sat_initiative/.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Sincerely,

Susan A. Gendron
Commissioner of Education



High School Report

Test Date: May 2008
ID: 11341357
SAU: Portland Public Schools
School: Deering High School

Contents of the Report

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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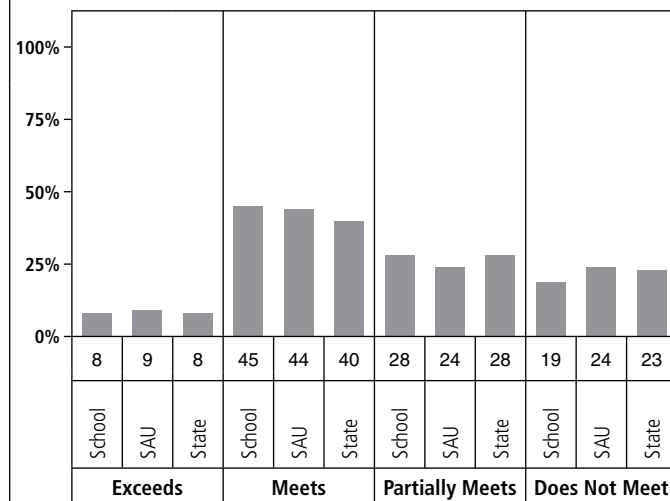
SUMMARY OF SCORES

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

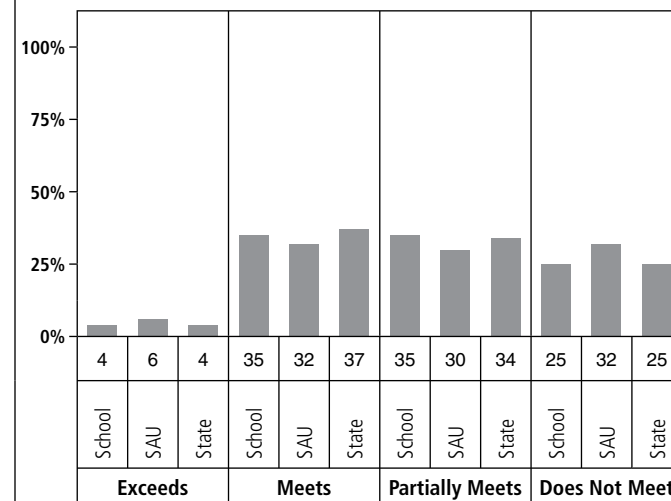
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
Critical Reading 2006–2007 2007–2008	1144 1142	1141 1142	1141 1141
Mathematics 2006–2007 2007–2008	1141 1140	1139 1139	1140 1141
Writing 2006–2007 2007–2008	1146 1142	1142 1141	1141 1140
Science 2007–2008	1140	1139	1141

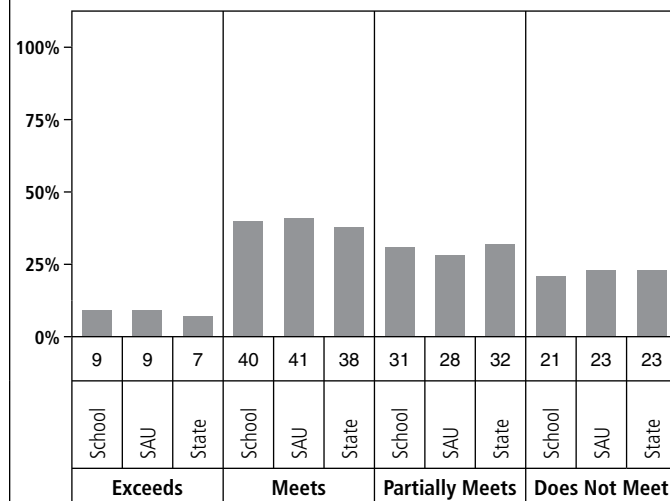
CRITICAL READING



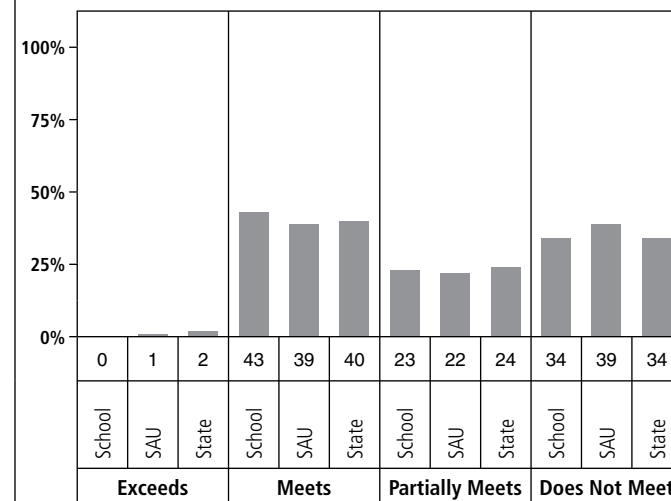
MATHEMATICS



WRITING



SCIENCE



SUMMARY OF STUDENT PARTICIPATION

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
	School		SAU		State		Critical Reading						Mathematics						Writing						Science					
	N		N		N		N		N		N		N		N		N		N		N		N		N		N		N	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Total number of students	306	100	627	100	15604	100	279	91	529	85	14875	96	289	94	568	91	15165	97	279	91	529	85	14869	96	277	91	547	88	14961	96
Ethnicity African American/Black	26	8	98	16	305	2	24	92	70	72	261	86	25	96	88	91	286	95	24	92	70	72	260	86	23	88	87	90	280	93
American Indian or Native Alaskan	2	1	6	1	103	1	2	100	5	83	95	93	2	100	6	100	97	95	2	100	5	83	95	93	2	100	4	67	93	91
Asian or Pacific Islander	22	7	54	9	215	1	17	77	40	74	194	90	19	86	45	83	202	94	17	77	40	74	194	90	18	82	44	81	200	93
Hispanic	10	3	23	4	140	1	10	100	18	78	118	84	10	100	18	78	123	88	10	100	18	78	118	84	9	90	17	74	120	86
Caucasian/White	246	80	446	71	14841	95	226	92	396	89	14207	96	233	95	411	93	14457	98	226	92	396	89	14202	96	225	91	395	89	14268	96
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	40	13	92	15	2247	14	33	83	69	76	2065	93	33	83	73	80	2138	96	33	83	69	76	2060	92	32	80	68	75	2081	93
Current LEP	76	25	177	28	648	4	66	87	132	75	508	79	73	96	159	90	564	87	66	87	132	75	507	78	65	86	151	86	534	83
Economically disadvantaged	61	20	215	34	4028	26	49	80	149	70	3682	92	54	89	179	84	3831	95	49	80	149	70	3679	92	50	82	169	79	3755	94
Migrant	0	0	0	0	5	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100	0

MODE OF PARTICIPATION ³	Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N		N		N		N		N		N		N		N		N		N		N		N	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Participation without accommodations	257	84	480	77	13042	84	267	87	519	83	13332	85	257	84	480	77	13042	84	255	83	499	80	13192	85
Identified disability (PET/IEP)	17	7	38	8	739	6	17	6	42	8	810	6	17	7	38	8	739	6	16	6	38	8	791	6
LEP	52	20	106	22	399	3	59	22	133	26	456	3	52	20	106	22	399	3	51	20	125	25	436	3
504 plan	0	0	3	1	196	2	0	0	3	1	204	2	0	0	3	1	196	2	0	0	3	1	201	2
Participation with accommodations	12	4	33	5	1623	10	12	4	33	5	1624	10	12	4	33	5	1625	10	12	4	32	5	1567	10
Identified disability (PET/IEP)	6	50	15	45	1117	69	6	50	15	45	1119	69	6	50	15	45	1119	69	6	50	14	44	1088	69
LEP	7	58	16	48	93	6	7	58	16	48	93	6	7	58	16	48	93	6	7	58	16	50	83	5
504 plan	0	0	1	3	58	4	0	0	1	3	58	4	0	0	1	3	58	4	0	0	1	3	55	4
Other	1	8	3	9	367	23	1	8	3	9	366	23	1	8	3	9	367	23	1	8	3	9	353	23
Participation through alternate assessment (PAAP)	10	3	16	3	209	1	10	3	16	3	209	1	10	3	16	3	202	1	10	3	16	3	202	1
Identified disability (PET/IEP)	10	100	16	100	209	100	10	100	16	100	209	100	10	100	16	100	202	100	10	100	16	100	202	100
LEP	7	70	10	63	15	7	7	70	10	63	15	7	7	70	10	63	15	7	7	70	10	63	15	7
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0																		
Approved non-participation – special consideration	0	0	3	0	36	0	0	0	3	0	40	0	0	0	3	0	36	0	0	0	3	0	38	0
Non-participation – other	27	9	95	15	693	4	17	6	56	9	399	3	27	9	95	15	699	4	29	9	77	12	605	4

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

CRITICAL READING RESULTS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the reading standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within reading at the grade level assessed. Evidence includes responses to multiple-choice items in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1161-1180)	2005-2006	34	12	51	10	1079	7
	2006-2007	38	13	52	11	1168	8
	2007-2008	22	8	47	9	1184	8
	Cum. Total*	94	11	150	10	3431	8
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1141-1160)	2005-2006	108	38	173	35	5697	38
	2006-2007	120	42	182	37	5714	38
	2007-2008	121	45	222	44	5885	40
	Cum. Total*	349	42	577	38	17296	39
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1129-1140)	2005-2006	80	28	139	28	4772	32
	2006-2007	77	27	124	25	4728	31
	2007-2008	74	28	121	24	4093	28
	Cum. Total*	231	28	384	26	13593	30
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2005-2006	63	22	138	28	3595	24
	2006-2007	52	18	135	27	3444	23
	2007-2008	50	19	120	24	3417	23
	Cum. Total*	165	20	393	26	10456	23

CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	267	22	8	121	45	74	28	50	19	1142	510	9	44	24	24	1142	14579	8	40	28	23	1141
Ethnicity																						
African American/Black	20	1	5	1	5	7	35	11	55	1129	63	3	5	21	71	1126	248	4	21	27	48	1132
American Indian or Native Alaskan	2										5	0	60	20	20	1137	94	5	27	28	40	1134
Asian or Pacific Islander	17	0	0	4	24	7	41	6	35	1136	39	0	23	38	38	1135	192	4	35	30	31	1138
Hispanic	10	0	0	2	20	4	40	4	40	1133	18	0	28	33	39	1133	115	5	32	26	37	1136
Caucasian/White	218	21	10	113	52	55	25	29	13	1144	385	12	52	22	14	1146	13930	8	41	28	23	1141
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	3	14	6	27	13	59	1129	52	2	13	31	54	1131	1823	1	9	24	65	1126
No	245	22	9	118	48	68	28	37	15	1143	458	10	47	23	20	1143	12756	9	45	29	17	1143
Current LEP																						
Yes	59	1	2	13	22	18	31	27	46	1132	121	2	19	24	55	1130	488	3	22	24	52	1132
No	208	21	10	108	52	56	27	23	11	1145	389	12	51	24	14	1146	14091	8	41	28	22	1141
Economically disadvantaged																						
Yes	43	0	0	6	14	20	47	17	40	1132	139	2	20	27	50	1132	3545	3	28	30	39	1134
No	224	22	10	115	51	54	24	33	15	1144	371	12	52	22	13	1146	11034	10	44	27	19	1143
Migrant																						
Yes	0										0						5	20	0	40	40	1136
No	267	22	8	121	45	74	28	50	19	1142	510	9	44	24	24	1142	14574	8	40	28	23	1141
Gender																						
Female	132	10	8	63	48	39	30	20	15	1143	254	9	47	22	22	1143	7237	8	42	30	19	1142
Male	135	12	9	58	43	35	26	30	22	1141	256	10	40	25	25	1141	7342	8	38	26	28	1140
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	9	30	61	1127
No	267	22	8	121	45	74	28	50	19	1142	510	9	44	24	24	1142	14476	8	41	28	23	1141
Gifted/talented program																						
Yes	15	9	60	6	40	0	0	0	0	1163	21	67	33	0	0	1164	295	48	48	4	0	1161
No	252	13	5	115	46	74	29	50	20	1141	489	7	44	25	25	1141	14284	7	40	29	24	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the mathematics standards for achieving Maine's *Learning Results*. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within mathematics at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL *					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1161-1180)	2006-2007 2007-2008	12 12	4 4	21 31	4 6	578 637	4 4
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1141-1160)	2006-2007 2007-2008	118 98	39 35	171 174	33 32	5481 5508	36 37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1133-1140)	2006-2007 2007-2008	89 98	30 35	142 166	27 30	4754 5065	31 34
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100-1132)	2006-2007 2007-2008	81 69	27 25	190 178	36 32	4607 3660	30 25

MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	277	12	4	98	35	98	35	69	25	1140	549	6	32	30	32	1139	14870	4	37	34	25	1141
Ethnicity																						
African American/Black	21	0	0	2	10	4	19	15	71	1130	81	0	2	12	85	1127	274	1	12	31	57	1133
American Indian or Native Alaskan	2										6	0	17	33	50	1128	96	2	24	30	44	1136
Asian or Pacific Islander	19	2	11	3	16	10	53	4	21	1142	44	9	20	32	39	1139	200	8	37	34	22	1142
Hispanic	10	0	0	2	20	3	30	5	50	1135	18	0	22	33	44	1137	120	3	23	32	43	1138
Caucasian/White	225	10	4	90	40	80	36	45	20	1141	400	7	40	34	20	1142	14180	4	38	34	24	1141
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	1	5	6	27	15	68	1130	56	0	4	25	71	1131	1896	0	8	22	70	1130
No	255	12	5	97	38	92	36	54	21	1141	493	6	35	31	28	1140	12974	5	41	36	18	1142
Current LEP																						
Yes	66	1	2	11	17	21	32	33	50	1135	148	2	12	20	66	1132	545	3	16	28	53	1135
No	211	11	5	87	41	77	36	36	17	1142	401	7	39	34	20	1142	14325	4	38	34	24	1141
Economically disadvantaged																						
Yes	48	0	0	4	8	19	40	25	52	1134	169	1	11	24	65	1131	3695	1	22	37	40	1136
No	229	12	5	94	41	79	34	44	19	1142	380	8	41	33	18	1143	11175	5	42	33	19	1142
Migrant																						
Yes	0										0						5	20	20	40	20	1144
No	277	12	4	98	35	98	35	69	25	1140	549	6	32	30	32	1139	14865	4	37	34	25	1141
Gender																						
Female	138	5	4	52	38	49	36	32	23	1140	270	3	34	31	31	1139	7362	3	36	36	24	1140
Male	139	7	5	46	33	49	35	37	27	1141	279	8	29	29	34	1140	7508	5	38	32	25	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	8	41	51	1134
No	277	12	4	98	35	98	35	69	25	1140	549	6	32	30	32	1139	14767	4	37	34	24	1141
Gifted/talented program																						
Yes	15	9	60	6	40	0	0	0	0	1163	21	62	38	0	0	1165	296	35	59	5	0	1158
No	262	3	1	92	35	98	37	69	26	1139	528	3	31	31	34	1138	14574	4	37	35	25	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

WRITING RESULTS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the writing standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1161-1180)	2005-2006	37	13	49	10	952	6
	2006-2007	45	16	61	12	937	6
	2007-2008	23	9	44	9	962	7
	Cum. Total*	105	13	154	10	2851	6
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1141-1160)	2005-2006	109	38	181	36	6055	40
	2006-2007	128	45	195	40	6167	41
	2007-2008	107	40	209	41	5564	38
	Cum. Total*	344	41	585	39	17786	40
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1129-1140)	2005-2006	94	33	158	32	4916	32
	2006-2007	72	25	116	24	4723	31
	2007-2008	82	31	142	28	4679	32
	Cum. Total*	248	30	416	28	14318	32
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2005-2006	45	16	113	23	3221	21
	2006-2007	42	15	121	25	3227	21
	2007-2008	55	21	115	23	3376	23
	Cum. Total*	142	17	349	23	9824	22

WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	267	23	9	107	40	82	31	55	21	1142	510	9	41	28	23	1141	14581	7	38	32	23	1140
Ethnicity																						
African American/Black	20	1	5	1	5	6	30	12	60	1128	63	2	6	25	67	1125	248	2	19	30	49	1131
American Indian or Native Alaskan	2										5	0	20	60	20	1137	94	3	19	38	39	1133
Asian or Pacific Islander	17	1	6	2	12	8	47	6	35	1136	39	3	23	46	28	1136	192	6	30	34	30	1137
Hispanic	10	0	0	2	20	1	10	7	70	1129	18	0	28	11	61	1130	115	2	30	36	33	1136
Caucasian/White	218	21	10	101	46	66	30	30	14	1144	385	11	49	27	13	1145	13932	7	39	32	22	1140
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	2	9	7	32	13	59	1127	52	2	12	35	52	1129	1825	1	7	23	69	1125
No	245	23	9	105	43	75	31	42	17	1143	458	9	44	27	19	1143	12756	7	43	33	17	1142
Current LEP																						
Yes	59	1	2	10	17	18	31	30	51	1131	121	1	18	27	54	1130	488	3	19	29	49	1131
No	208	22	11	97	47	64	31	25	12	1145	389	11	48	28	13	1145	14093	7	39	32	22	1140
Economically disadvantaged																						
Yes	43	0	0	7	16	13	30	23	53	1129	139	1	20	30	49	1131	3546	2	25	35	38	1134
No	224	23	10	100	45	69	31	32	14	1144	371	12	49	27	13	1145	11035	8	42	31	18	1142
Migrant																						
Yes	0										0						5	20	0	20	60	1131
No	267	23	9	107	40	82	31	55	21	1142	510	9	41	28	23	1141	14576	7	38	32	23	1140
Gender																						
Female	132	14	11	62	47	40	30	16	12	1145	254	9	47	26	17	1144	7239	8	43	33	17	1142
Male	135	9	7	45	33	42	31	39	29	1138	256	8	35	29	28	1139	7342	6	34	31	30	1138
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	7	39	54	1128
No	267	23	9	107	40	82	31	55	21	1142	510	9	41	28	23	1141	14478	7	38	32	23	1140
Gifted/talented program																						
Yes	15	12	80	3	20	0	0	0	0	1167	21	67	33	0	0	1165	295	42	53	4	0	1159
No	252	11	4	104	41	82	33	55	22	1140	489	6	41	29	24	1140	14286	6	38	33	24	1139

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the science standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL*					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1161-1180)	2007-2008	1	0	3	1	300	2
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1141-1160)	2007-2008	115	43	206	39	5927	40
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1135-1140)	2007-2008	61	23	116	22	3544	24
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 1100-1134)	2007-2008	90	34	206	39	4988	34

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	15	27	6.52	43.5	5.97	39.8	6.41	42.7
Cluster 2: Physical Sciences	14	25	5.76	41.1	5.46	39.0	6.22	44.4
Cluster 3: Earth and Space Sciences	14	25	4.71	33.6	4.50	32.1	5.04	36.0
Cluster 4: Nature and Implications of Science	13	23	6.86	52.8	6.27	48.2	6.59	50.7

Cluster 1: Life Sciences

- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences

- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences

- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science

- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MHSA measures a grade span expectation, which can be found at <http://www.maine.gov/education/salt/gles.htm>.

SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Portland Public Schools
School: Deering High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	267	1	0	115	43	61	23	90	34	1140	531	1	39	22	39	1139	14759	2	40	24	34	1141
Ethnicity																						
African American/Black	19	0	0	4	21	0	0	15	79	1133	80	0	6	3	91	1129	269	0	20	14	65	1134
American Indian or Native Alaskan	2										4						92	1	24	28	47	1138
Asian or Pacific Islander	18	0	0	5	28	8	44	5	28	1139	44	0	23	36	41	1136	199	3	36	25	36	1140
Hispanic	9	0	0	2	22	1	11	6	67	1134	17	0	24	12	65	1135	118	1	26	19	54	1136
Caucasian/White	219	1	0	103	47	52	24	63	29	1141	386	1	48	25	26	1141	14081	2	41	24	33	1141
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	4	18	3	14	15	68	1134	52	0	21	13	65	1135	1879	0	11	17	72	1133
No	245	1	0	111	45	58	24	75	31	1141	479	1	41	23	36	1139	12880	2	44	25	28	1142
Current LEP																						
Yes	58	0	0	13	22	12	21	33	57	1135	141	0	13	16	71	1132	519	1	18	19	62	1134
No	209	1	0	102	49	49	23	57	27	1141	390	1	48	24	27	1141	14240	2	41	24	33	1141
Economically disadvantaged																						
Yes	45	0	0	9	20	4	9	32	71	1134	161	0	15	13	72	1133	3651	1	26	24	49	1137
No	222	1	0	106	48	57	26	58	26	1141	370	1	49	26	24	1142	11108	3	45	24	29	1142
Migrant																						
Yes	0										0						5	20	40	40	0	1146
No	267	1	0	115	43	61	23	90	34	1140	531	1	39	22	39	1139	14754	2	40	24	34	1141
Gender																						
Female	134	0	0	61	46	31	23	42	31	1141	262	0	39	23	37	1139	7277	1	37	26	36	1140
Male	133	1	1	54	41	30	23	48	36	1140	269	1	38	20	40	1139	7482	3	43	22	32	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						100	1	5	22	72	1133
No	267	1	0	115	43	61	23	90	34	1140	531	1	39	22	39	1139	14659	2	40	24	34	1141
Gifted/talented program																						
Yes	15	0	0	14	93	1	7	0	0	1152	21	5	90	5	0	1153	296	13	80	5	3	1152
No	252	1	0	101	40	60	24	90	36	1139	510	0	37	23	40	1138	14463	2	39	24	34	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number